Appl. No. 09/533,517
Rsps. dated: November 5, 2003
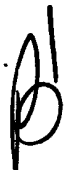Reply to Notice of Non-Compliant Amdt

Docket No. CISCO-1254
(032590-000071)

AMENDMENTS TO THE ABSTRACT

Please replace the ABSTRACT with the following new ABSTRACT:

ABSTRACT

The congestion control in a networking device having a plurality of input interface queues includes (a) estimating the data arrival rate on each of the plurality of input interface queues, and (b) determining, for each polling round, the sequence in which the plurality of input interface queues should be polled and the quantity of data to be processed from each of the plurality of input interface queues each time the input interface queue is polled, using the estimated data arrival rate on each of the plurality of input interface queues.

ABSTRACT

The congestion control in a networking device having a plurality of input interface queues includes (a) estimating the data arrival rate on each of the plurality of input interface queues, and (b) determining, for each polling round, the sequence in which the plurality of input interface queues should be polled and the quantity of data to be processed from each of the plurality of input interface queues each time the input interface queue is polled, using the estimated data arrival rate on each of the plurality of input interface queues.